**CIM61/BIM61 — COMPUTER GRAPHICS AND WEB DESIGNING**

Time : Three hours                    Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1.  What is called frame buffer in Raster Scan display?

2.  Give some examples of two-dimensional graphics.

3.  Define Rotation.

4.  What is called a Clip Window?

5.  Define Perspective Projection.

6.  Write the equation to represent a Plane Surface.

7.  Give some examples of global functions in Java Script.

8.  What are the Primitive data types in Java Script?

9.  How do you send Data to Client in Servlet?

10. List down the disadvantages of Cookies.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Briefly describe the Properties of Circles.

Or

(b) Narrate about the various Character Attributes.

12. (a) Write short note on window-to-view port Transformation.

Or

(b) Write an account on Point Clipping.

13. (a) Briefly describe the Spline Representation.

Or

(b) Summarize about the Surface Model.

14. (a) Illustrate the structure of HTML documents.

Or

(b) Exemplify the various Form elements of HTML.

15. (a) Write a simple Servlet Program.

Or

(b) Discuss about the Dynamic HTML.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Illustrate any two Line-Drawing Algorithms.

17. Explicate the general procedures to apply for Translation, Rotation, and Scaling.

18. Discuss in detail about 3D viewing.

19. Exemplify any two Control Structures available in Java Script.

20. With suitable example, explain the Cascading Style Sheets.

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